

# Converting Colors

Hex(1A2725)

Have a look what the booklet for  
Hex(1A2725) contains.

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# Color

Hex(1A2725)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A2725
RGB	26, 39, 37
RGB Percent	10%, 15%, 15%
CMY	0.8980, 0.8471, 0.8549
CMYK	0.33, 0.00, 0.05, 0.85
HSL	171°, 20%, 13%
HSV	171°, 33%, 15%
XYZ	1.4854, 1.8042, 2.0202
YIQ	34.8850, -7.1060, -3.3780

# Conversions

## Conversions Part 2

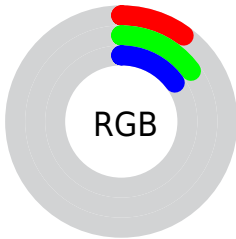
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 33, 39
Decimal	1713957
CIE Lab	14.42, -6.13, -0.49
CIE LCh	14, 6.150, 184.584
Yxy	1.8042, 0.2798, 0.3398
Android (android.graphics.Color)	4279904037 (0xFF1A2725)
YUV	34.8850, 1.0427, -7.7921
Hunter-Lab	13.4321, -3.7660, 0.4851

# Details

The Hex color **1A2725** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **271A1C**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **465452**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **162724**, and if you desaturate by 10%, it is **1E2726**.

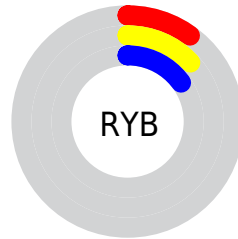
# Distribution



Red (10%)

Green (15%)

Blue (15%)



Red (10%)

Yellow (13%)

Blue (15%)

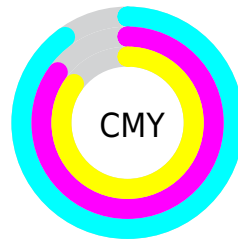


Cyan (33%)

Magenta (0%)

Yellow (5%)

Black (85%)



Cyan (90%)

Magenta (85%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A2725 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1A2725 by changing the saturation by 10% instead.



■ 1A2725

■ 1A2725

FEFFFF

■ 001310

■ 465452

■ 000000

■ 5D6C6A

■ 768583

■ 90A09D

■ AABBB8

■ C6D6D3

■ E2F3F0

■ 1A2725

■ 1A2725

■ 162724

■ 1E2726

■ 122724

■ 222726

■ 0E2723

■ 262727

■ 0A2723

■ 2A2727

■ 062722

■ 2E2728

■ 032721

■ 312729

■ 002721

■ 352729

■ 39272A

■ 3D272A

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1E2721



1A2725



192729

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A2725



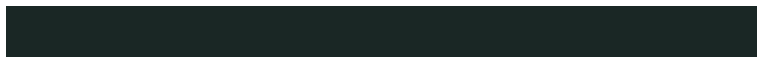
26232C



2B231D

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1A2725



271A1C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



2D2220



1A2725



2B2228

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1A2725



20252D



2D2124



27241C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1A2725



1A262B



2D2124



2C231E



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1A2725



2E3332



1C271A



161A19



999999



1A1A1A



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1A2725



1F3330



1A2327



121414



005447



00D4B3



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



271A1C



331F22



271E1A



141213



54000D

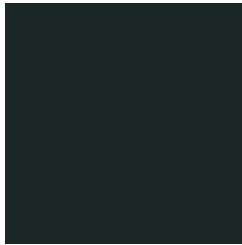


D40021



# Previews

## White Background



This preview shows how the Hex color 1A2725 looks on a white background.

## Color Contrast Check

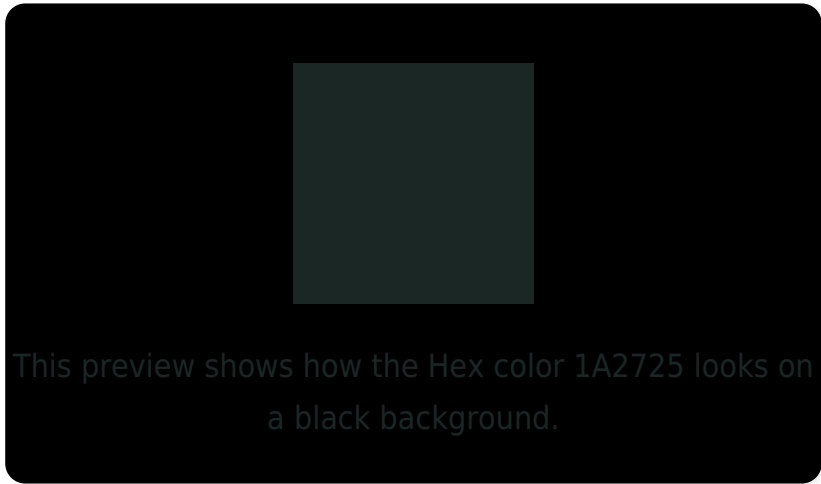
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

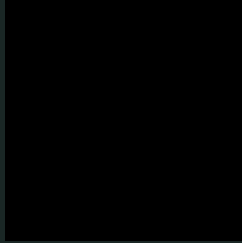
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

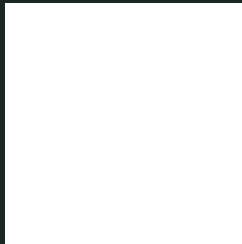
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A2725 Background



This preview shows how black text looks on a background with the Hex color 1A2725.

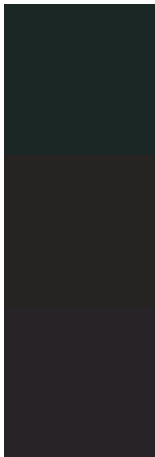


This preview shows how white text looks on a background with the Hex color 1A2725.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
1A2725

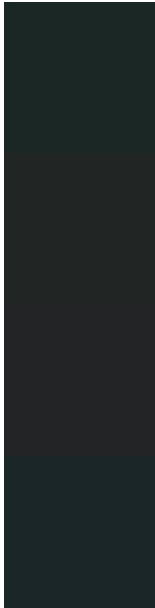
**Protanopia**  
252423

**Deuteranopia**  
272326



**Tritanopia**  
1B2629

# Trichromacy



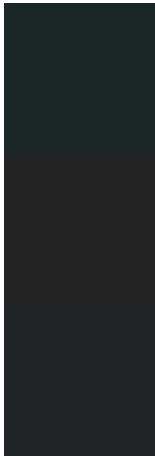
**Original Color**  
1A2725

**Protanomaly**  
212524

**Deuteranomaly**  
222426

**Tritanomaly**  
1B2628

# Monochromacy



**Original Color**  
1A2725

**Achromatopsia**  
232323

**Achromatomaly**  
202424

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A2725 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1A2725 looks like.

```
.text, #text, p{  
    color:#1A2725  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1A2725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A2725
}
```

## Border

The CSS property to change the border of an element to Hex 1A2725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

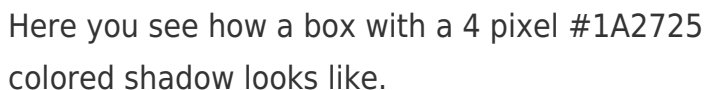
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A2725 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1A2725 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #1A2725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A2725; -webkit-box-shadow:4px 4px  
4px 4px #1A2725; box-shadow:4px 4px 4px  
4px #1A2725 }
```

# Background

The CSS property to change the background color of an element to Hex 1A2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A2725 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1A2725 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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